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Message Text

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ACTION EUR-12

INFO OCT-01 NEA-10 ISO-00 CIAE-00 PM-05 INR-07 L-03
ACDA-07 NSAE-00 PA-01 SS-15 PRS-01 SP-02 USIA-06
TRSE-00 NSC-05 /075 W
----------114502 061510Z /40
R 061430Z SEP 77
FM USMISSION NATO
TO SECSTATE WASHDC 5673
SECDEF WASHDC
DA WASHDC
INFO CSAF WASHDC
CDRDARCOM ALEXANDRIA VA
CDRUSAADS FT BLISS TX
CDRTRADOC FT MONROE VA
REDSTONEARS HUNTSVILLE AL
USNMR SHAPE BE
WHITE SANDS MISSLE RA

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SECDEF FOR ODDR&E, OASD(ISA), OASD(PA&E); CSAF FOR RDI;
DA FOR DAMA-PPI, DAMO-ZN, AND DAMO-RQA; TRADOC FOR ATCD-
CF-A; DARCOM FOR DRCIRD; REDSTONE FOR PATRIOT PROJECT
OFFICE AND HAWK PROJECT OFFICE; WHITE SANDS FOR PATRIOT
PROJECT OFFICE AND DIRTRASANA (ATAA-D); FT BLISS FOR
USAADS (ATSA-CD).

E.O.11652: GDS
TAGS: OCON, NATO, MILI
SUBJECT: SECOND MEETING OF NATO PROJECT GROUP ON A REPLACE-
MENT FOR THE NIKE/HERCULES BASED ON THE US PATRIOT SYSTEM
AND THE NATO STUDY GROUP ON A REPLACEMENT FOR SYSTEMS OF
THE HAWK CLASS (AC/259-PG.NIKE/SG.IHAWK).

REF: A. AC/259(SG/IHAWK)DS/1; B. USNATO 7279 DTG 280745Z
JUL 77; C. USNATO 7937 DTG 191516Z AUG 77; D. DAMO-RQA
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052016Z AUG 77; E. AC/243(PANEL IX.RSG/1)D/2 JUN 77;
F. AC/259(PG.1)DS/1
SUMMARY: THIS MESSAGE REPORTS THE RESULTS OF THE SUBJECT
MEETINGS WHICH WERE HELD AT NATO HEADQUARTERS 29 AUG-1SEP
77. BOTH GROUPS ACCEPTED MINUTES OF FIRST MEETING AND
FRANCE GAVE FINAL APPROVAL OF TERMS OF REFERENCE (TOR).
THE STUDY GROUP EXCHANGED INFORMATION ON PATRIOT AND ANGLO/

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FRENCH SAM AND DISCUSSED SCENARIOS TO BE USED. SHAPE PRESENTED A BRIEFING WHICH OUTLINED THE THRUST OF DRAFT AIR DEFENSE CONCEPT PAPER. EUROPEAN NATIONS REQUESTED THAT AT THE NEXT PROJECT GROUP MEETING THE US PROVIDE TENTATIVE PRODUCTION OPTIONS SIMILAR TO THOSE EMPLOYED BY OTHER SYSTEMS. END SUMMARY.

1. THE STUDY GROUP (SG) ON A REPLACEMENT FOR SYSTEMS OF THE HAWK CLASS HELD ITS SECOND MEETING DURING THE PERIOD 29-31 AUG 77. COUNTRIES REPRESENTED INCLUDED BE, DE, FR, FRG, NE, UK AND US. THE NATO INTERNATIONAL MILITARY STAFF (IMS), INTERNATIONAL STAFF (IS) AND SHAPE TECHNICAL CENTER WERE ALSO REPRESENTED. THE FOLLOWING WERE COVERED:

A. THE SG APPROVED THE DECISION SHEET OF FIRST MEETING (REF A) TO INCLUDE THE TOR.

B. THE US PROVIDED COPIES OF THE DATA PRESENTED DURING THE PATRIOT BRIEFING AT THE FIRST MEETING AS REQUESTED BY THE SG.

C. THE SG REVIEWED DATA AVAILABLE ON THE TWO CANDIDATE SYSTEMS (PATRIOT AND ANGLO/FRENCH SAM). THE US PROVIDED THE RESPONSE TO THE INITIAL SET OF UK QUESTIONS ON THE PATRIOT SYSTEM (REF B) (ANSWERS WERE PREPARED BY PROJECT SUCCESSOR AND PATRIOT PROGRAM OFFICE). ANSWERS TO SUBSE-

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QUENT UK QUESTIONS (REF C) AS WELL AS UK/FR WRITTEN ANSWERS TO US QUESTIONS (REF D) WERE NOT PROVIDED BECAUSE THEY ARE NOT YET AVAILABLE. ADDITIONAL QUESTIONS ON BOTH PATRIOT AND ANGLO/FRENCH SAM ARE EXPECTED FROM OTHER COUNTRIES IN THE NEAR FUTURE.

D. THE FRG CONTINUED TO PRESSURE THE US INFORMALLY TO DISCUSS/STUDY A PATRIOT DERIVATIVE.

E. THE UK PUSHED HARD FOR SG CONSIDERATION OF MUCH HIGHER ECM LEVELS OF THE TYPE CONTAINED IN REF E.
F. THE US REPRESENTATIVES CONCLUDED THAT THE UK/FR CONCEPT AND DESIGN OF ANGLO/FRENCH SAM IS INCOMPLETE AND STILL CHANGING.

G. THE SG DISCUSSED, BUT DID NOT ACCEPT, AC/280-D/34 AS STANDARDS AND CRITERIA FOR A REPLACEMENT MEDIUM-HIGH ALTITUDE SAM SYSTEM.

H. THE SG GENERALLY AGREED THAT THERE IS A GREAT DEAL OF SIMILARITY BETWEEN THE PATRIOT AND THE ANGLO/FRENCH SYSTEMS WITH MAJOR DIFFERENCES BEING 360 DEGREES (ANGLO/FRENCH) VS

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90 DEGREES (PATRIOT) SURVEILLANCE AND THE AVAILABILITY OF PATRIOT TEN YEARS BEFORE THE ANGLO/FRENCH SAM.

I. THE UK ASSERTED ECM SUSCEPTIBILITY WILL PROVE TO BE AN IMPORTANT DIFFERENCE WHEN PATRIOT IS COMPARED AGAINST MORE SEVERE STAND OFF JAMMER (SOJ) THREATS.

J. THE SG FAILED TO AGREE ON A COMMON SCENARIO. MAJOR DIFFERENCES BETWEEN THE UK/FR "SINGLE FIRE UNIT" AND THE US/FRG (PROJECT SUCCESSOR) "AREA" SCENARIOS WERE NOT DIS-

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CUSSED IN DETAIL AND WILL BE THE MAJOR SUBJECT AT NEXT MEETING.

K. TASKS FOR NEXT MEETING.

(1) THE UK AND US WILL PROVIDE ECCM CAPABILITIES OF ANGLO/ FRENCH SAM AND PATRIOT USING MUTUALLY AGREED METHODS AND THREAT.

(2) THE SHAPE TECHNICAL CENTER WILL DELIVER AN EXISTING DRAFT STUDY OUTLINING THE DIFFERENCES BETWEEN PATRIOT AND ANGLO/FRENCH SAM (STRENGTHS AND WEAKNESSES).

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(3) ALL MEMBER NATIONS WILL STUDY ADEQUACY/INADEQUACY OF THE PROJECT SUCCESSOR AND UK/FR SCENARIOS.

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2. SHAPE PRESENTED A BRIEFING ON ITS DRAFT CONCEPT FOR AIR DEFENSE TO A JOINT MEETING OF THE PROJECT AND STUDY GROUPS ON 31 AUG 77. THE DRAFT CONCEPT PRESENTED INCLUDED A BROAD DESCRIPTION OF NATO AIR DEFENSE REQUIREMENTS BEGINNING IN THE 1990S. NO MENTION WAS MADE OF THE 1980S REQUIREMENTS OR OF THE URGENCY FOR REPLACEMENT OF THE CURRENT GENERATION MEDIUM AND HIGH ALTITUDE SAM SYSTEMS.
3. THE PROJECT GROUP (PG) ON A REPLACEMENT FOR THE NIKE HERCULES BASED ON THE US PATRIOT SYSTEM HELD ITS SECOND MEETING DURING THE PERIOD 31 AUG - 1 SEP 77. COUNTRIES REPRESENTED WERE BE, DE, FR, FRG, IT, NE, NO, UK AND US. THE NATO IMS AND IS WERE ALSO REPRESENTED. THE FOLLOWING WERE COVERED.

A. THE PG APPROVED THE DECISION SHEET OF THE FIRST MEETING (REF F) TO INCLUDE THE TOR AND ACCEPTED THE US PROPOSAL AS THE PG'S INITIAL RESPONSE TO TOR OBJECTIVES 3A AND 3B. THE PROPOSAL WILL BE STAFFED WITH NATIONAL AUTHORITIES AND PRESENTED FOR FORMAL ADOPTION AT THE NEXT PG MEETING.

B. THE US PROVIDED INFORMATION ON US PRODUCTION SCHEDULES, CONTRACT AND FMS LEAD TIMES, AND TECHNICAL DATA PACKAGE AVAILABILITY OF THE PATRIOT SYSTEM.

C. THE PG FORMALLY REQUESTED THE US AND FRG TO PROVIDE A PROJECT SUCCESSOR BRIEFING.

D. THE US, NORWAY, FRG AND DENMARK INDICATED TENTATIVE NUMBERS OF PATRIOT BATTERIES REQUIRED TO REPLACE THEIR NIKE HERCULES FORCES. THE UK AND FR INDICATED NO REQUIREMENT. OTHER MEMBER NATIONS WERE NOT PREPARED TO PROVIDE REQUIREMENTS AT PRESENT TIME.

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E. EUROPEAN MEMBER NATIONS REQUESTED THE US TO PROVIDE AN OUTLINE OF A SELECTED RANGE OF PRODUCTION OPTIONS THAT WERE OF INTEREST TO THE EUROPEAN NATIONS. THESE OPTIONS WERE INITIALLY DESCRIBED AS:

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(1) "THE F-16 OPTION."

(2) "THE EUROPEAN HAWK OPTION."

(3) "THE REVERSE ROLAND OPTION WITH A VARIATION SIMILAR TO THE F-104 PROGRAM."

(4) "THE DIRECT PURCHASE AND FMS OPTIONS."

SPECIFIC QUESTIONS OF INTEREST TO THE EUROPEAN NATIONS RELATED TO THE OPTIONS WERE PROVIDED BY THE PG TO THE US DELEGATION.

F. THE US INFORMED THE PG THAT A STUDY WAS BEING CONDUCTED CONSIDERING THE INTEROPERABILITY OF HAWK AND PATRIOT. THE PG REQUESTED THAT THE US PROVIDE AN INFORMATION BRIEFING ON THE OBJECTIVES OF THE STUDY.

G. SEVERAL EUROPEAN NATIONS REQUESTED AN OPPORTUNITY TO INSPECT PATRIOT TACTICAL HARDWARE. THE PG REQUESTED THE US TO LOOK INTO THE POSSIBILITY OF HOSTING A MEETING AT WHITE SANDS MISSILE RANGE OR AT FT BLISS THE WEEK OF 14-18 NOVEMBER.

H. THE PG REQUESTED THE NATO INTERNATIONAL STAFF TO PREPARE A DRAFT MOU COVERING REPLACEMENT OF HERCULES BY PATRIOT FOR CONSIDERATION AT THE OCTOBER MEETING.

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I. THE PG APPROVED THE TRANSMISSION OF A LETTER TO THE CHAIRMAN OF THE SG REQUESTING THE NUMBER OF HAWK UNITS TO BE REPLACED BY A NEW GENERATION SAM SYSTEM. BENNETT

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: n/a
Control Number: n/a
Copy: SINGLE
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Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977NATO08479
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: RR
Errors: N/A
Expiration:
Film Number: n/a
Format: TEL
From: NATO
Handling Restrictions: n/a
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Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 6
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: A.AC/259(SG/IHAWK)DS/1, B.USNATO 7279 DTG 280745Z, JUL 77, C.USNATO 7937 DTG 191516Z AUG 77, D.DAMO-RQA
Retention: 0
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Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 1372076
Secure: OPEN
Status: NATIVE
Subject: SECOND MEETING OF NATO PROJECT GROUP ON A REPLACE- MENT FOR THE NIKE/HERCULES BASED ON THE US PATRIOT SYSTEM AND THE NATO STUDY GROUP ON A REPLACEME NT FOR SYSTEMS OF
TAGS: OCON, MILI, NATO
To: SECSTATE WASHDC WASHDC MULTIPLE
Type: TE
vdkvgwkey: odbc://SAS/SAS.dbo.SAS_Docs/144c034d-c288-dd11-92da-001cc4696bcc
Review Markings:
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